



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**DHL Express 552 3246 886**

Applicant: Peter Offermann, et al.

Serial No: 10/799,329

U.S. Filed: 3/12/2004

Title: Support Material for Tissue Engineering, for Producing Implants or  
Implant Materials, and an Implant Produced with the Support Material

**Commissioner for Patents  
Alexandria, VA 22313-1450**

**PRELIMINARY AMENDMENT**

Prior to the first office action, please amend the instant application as follows:

**IN THE SPECIFICATION:**

Please substitute the attached amended paragraphs of pages 1, 2, 10, 11 for the corresponding paragraphs of the literal translation submitted concurrently.

Please substitute the enclosed Abstract of the Disclosure for the Abstract of the literal translation.

**IN THE CLAIMS:**

Claims 1 through 15 of the literal translation are cancelled.

Please add the attached new claims 16-43 to the specification.

## **Replacement Page 1, 1st Paragraph**

### **BACKGROUND OF THE INVENTION**

The invention relates to a support material for tissue culture and cell culture (tissue engineering) for the production of implant materials, in particular bone, cartilage or skin replacements or extra-corporal organ replacements or for other applications in medicine or biotechnology. The invention further relates to an implant produced with the scaffold.

**Replacement Page 2, 2nd Full Paragraph**

**SUMMARY OF THE INVENTION**

An object of the present invention is to provide a further support material for tissue culture and cell culture and for the production of implant materials and implants, respectively, and an implant produced from the support material.

**Replacement Page 10, 5th Full Paragraph**

**BRIEF DESCRIPTION OF THE DRAWINGS**

The invention is illustrated in more detail with the aid of the following drawings and examples. It is shown in:

**Replacement Page 11, Paragraph (Lines 13-14)**

**DESCRIPTION OF PREFERRED EMBODIMENTS**

The scaffold represented in Fig. 1 consists of a flat base material 1, which is coated with an adhesive layer 2 on one side and electrostatically flocked with fibers 3 that are 1 mm long.